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FILE COVERS 1971 TO PATENT PUBLICATION DATE: 6 Apr 1999 (19990406/PD)
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HIGHEST PATENT NUMBER: US5893168
CA INDEXING IS CURRENT THROUGH 7 Apr 1999 (19990407/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 6 Apr 1999 (19990406/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: May 1998
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 1998

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>>> available for the WIPO International Patent Classification <<<
>>> (IPC) Manuals, editions 1-6, in the /IC1, /IC2, /IC3, /IC4, <<<
>>> /IC5, and /IC (/IC6) fields, respectively. The thesauri in <<<
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This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s us 4479989/pn

L1 1 US 4479989/PN
(US4479989/PN)

=> d l1 1 ibib abs

L1 ANSWER 1 OF 1 USPATFULL
ACCESSION NUMBER: 84:60941 USPATFULL
TITLE: Flexible container material
INVENTOR(S): Mahal, Mohan S., Pleasant Hill, CA, United States
PATENT ASSIGNEE(S): Cutter Laboratories, Inc., Berkeley, CA, United States
(U.S. corporation)

	NUMBER	DATE	
PATENT INFORMATION:	US 4479989	19841030	<--
APPLICATION INFO.:	US 82-446303	19821202 (6)	
DOCUMENT TYPE:	Utility		
PRIMARY EXAMINER:	Kittle, John E.		
LEGAL REPRESENTATIVE:	Aston, David J.		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		

NUMBER OF DRAWINGS: 3 Drawing Figure(s); 2 Drawing Page(s)
LINE COUNT: 670

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Film material for use in sterilized medical solution containers such as blood bags or I.V. bags, comprising 30-90% linear low density polyethylene (LLDPE) and 10-70% styrene-ethylene-butylene-styrene (SEBS). The particular LLDPE and SEBS materials are selected from among known LLDPE and SEBS materials according to density, in the case of LLDPE, and styrene/rubber ratio and composition in the case of SEBS. Up to 10% of an optional third component such as high melt index LLDPE or polypropylene may be added as a processing aid. Material having greater than 50% LLDPE is particularly well suited for medical solution container application.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s us 4210686/pn

L2 1 US 4210686/PN
(US4210686/PN)

=> d 12 1 ibib abs

L2 ANSWER 1 OF 1 USPATFULL

ACCESSION NUMBER: 80:31950 USPATFULL

TITLE: Multi-layered plastic sheeting having high clarity, strength, and resistance to water vapor transmission

INVENTOR(S): Gajewski, Henry, Winnetka, IL, United States
Laurin, Dean G., Lake Zurich, IL, United States
Measells, Paul, Libertyville, IL, United States
Webster, R. Daniel, Wauconda, IL, United States

PATENT ASSIGNEE(S): Baxter Travenol Laboratories Inc., Deerfield, IL, United States (U.S. corporation)

	NUMBER	DATE	
PATENT INFORMATION:	US 4210686	19800701	<--
APPLICATION INFO.:	US 78-917122	19780619	(5)
DOCUMENT TYPE:	Utility		
PRIMARY EXAMINER:	Thibodeau, Paul J.		
LEGAL REPRESENTATIVE:	Flattery, Paul C.; Kirby, Jr., John P.; Ellis, Garrettson		
NUMBER OF CLAIMS:	21		
EXEMPLARY CLAIM:	1		
LINE COUNT:	466		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A multiple-layered, autoclavable, flexible plastic sheet comprises (a) at least one first layer consisting essentially of 30 to 90 percent by weight of a block copolymer having thermoplastic rubbery characteristics and having rubbery olefin blocks and blocks of a polystyrene; and from 10 to 70 percent by weight of a polyolefin derived principally from at least one of propylene, ethylene and 4-methylpentene-1, said polyolefin having a Vicat Softening Temperature of about 120.degree. C.; and (b) at least one second layer consisting essentially of a polyolefin derived principally by from at least one of propylene, ethylene, and 4-methylpentene-1 and being of semi-crystalline characteristics to exhibit low permeability to water vapor, the first and second layers being bonded together in alternating arrangement.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s us 4169910/pn

L3 1 US 4169910/PN
 (US4169910/PN)

=> d 13 1 ibib abs

L3 ANSWER 1 OF 1 USPATFULL

ACCESSION NUMBER: 79:40705 USPATFULL

TITLE: Multilayer film including polyolefin layers and a
 polybutylene layer useful for the production of bags

INVENTOR(S): Graboski, James J., Lisle, IL, United States

PATENT ASSIGNEE(S): Union Carbide Corporation, New York, NY, United States
 (U.S. corporation)

	NUMBER	DATE	
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PATENT INFORMATION:	US 4169910	19791002	<--
APPLICATION INFO.:	US 78-919852	19780628 (5)	
DOCUMENT TYPE:	Utility		
PRIMARY EXAMINER:	Cannon, J. C.		
LEGAL REPRESENTATIVE:	Fink, David		
NUMBER OF CLAIMS:	30		
EXEMPLARY CLAIM:	1,15,16		
LINE COUNT:	485		

AB A multilayer film suitable for use in fabricating a trash bag, includes
 a first outer layer comprising a first heat sealable polyolefin, a
 second outer layer comprising a second heat sealable polyolefin, and a
 core layer comprising a blend of a polybutylene homopolymer, and a
 polypropylene homopolymer or copolymer.

=> s us 4147827/pn

L4 1 US 4147827/PN
 (US4147827/PN)

=> d 14 1 ibib abs

L4 ANSWER 1 OF 1 USPATFULL

ACCESSION NUMBER: 79:16844 USPATFULL

TITLE: Coextruded heat sealable laminar thermoplastic films

INVENTOR(S): Breidt, Jr., Peter, Webster, NY, United States
 Higgins, Thomas W., Penfield, NY, United States
 Nahmias, A. Michael, Canandaigua, NY, United States
 Weiner, Milton L., Rochester, NY, United States

PATENT ASSIGNEE(S): Mobil Oil Corporation, New York, NY, United States
 (U.S. corporation)

	NUMBER	DATE	
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PATENT INFORMATION:	US 4147827	19790403	<--
APPLICATION INFO.:	US 77-848435	19771104 (5)	
DOCUMENT TYPE:	Utility		
PRIMARY EXAMINER:	Ansher, Harold		
LEGAL REPRESENTATIVE:	Huggett, Charles A.; Tierney, James D.		

NUMBER OF CLAIMS: 2
EXEMPLARY CLAIM: 1
LINE COUNT: 351

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Laminar thermoplastic films are provided which exhibit improved heat seal strengths as well as heat seal temperature ranges. The laminates comprise a predominantly propylene-based polymer substrate or core, the propylene core layer being coated with continuous skins, the skins being fabricated from ethylene based resin with a density of less than 0.939.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s us 4125662/pn

L5 1 US 4125662/PN
(US4125662/PN)

=> d 15 1 ibib abs

L5 ANSWER 1 OF 1 USPATFULL

ACCESSION NUMBER: 78:63828 USPATFULL
TITLE: Packaging film with improved heat sealability
INVENTOR(S): Weiner, Milton L., Rochester, NY, United States
Breidt, Jr., Peter, Webster, NY, United States
Higgins, Thomas W., Penfield, NY, United States
PATENT ASSIGNEE(S): Mobil Oil Corporation, New York, NY, United States
(U.S. corporation)

	NUMBER	DATE	
PATENT INFORMATION:	US 4125662	19781114	<--
APPLICATION INFO.:	US 77-839054	19771003	(5)
DOCUMENT TYPE:	Utility		
PRIMARY EXAMINER:	Ansher, Harold		
LEGAL REPRESENTATIVE:	Huggett, Charles A.; Cier, Ronald J.		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	199		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A packaging film composition having an improved heat seal range. The film comprises a core, which is preferably propylene homopolymer or copolymer but which may be a blend of polypropylene with any other compatible polymer, such core being coated on one or both sides with butene-1 homopolymer or with a copolymer of butene-1 with ethylene.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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